

second conductive tubular member, said second tubular member being slidably engaged so that capacitance of said first and second conductive elements may be adjusted.

24. The antenna of claim 18, further comprising a capacitor in series with said feed point, said capacitor being selected to have a value to tune the inductance of the antenna to a frequency of interest.

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25. The antenna of claim 24, wherein said capacitor has a substantially fixed capacitance.

26. The antenna of claim 1, wherein said first loop and said second loop comprise polygons, further comprising capacitive loading elements connecting centers of sides of said polygons.

27. The antenna of claim 1, further comprising:

a first loading section in said first loop;

a second loading section in said second loop;

a first shorting relay for shorting said first loading section; and

a second shorting relay for shorting said second loading section.

28. The antenna of claim 27, further comprising:

a third loading section in said first loop;

a fourth loading section in said second loop;